

Name : _____

Area of a Rhombus

Sheet 5

A) Find the area of each rhombus for the given measurements.

1) diagonal 1 = 2 ft, diagonal 2 = 30 in

Area = _____ in²

2) diagonal 1 = 21 ft, diagonal 2 = 16 yd

Area = _____ ft²

3) diagonal 1 = 18 yd, diagonal 2 = 792 in

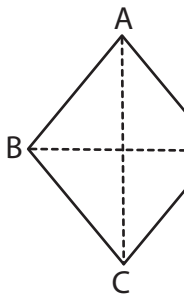
Area = _____ yd²

4) diagonal 1 = 7.5 yd, diagonal 2 = 13.2 ft

Area = _____ yd²

B) Find the area of each rhombus.

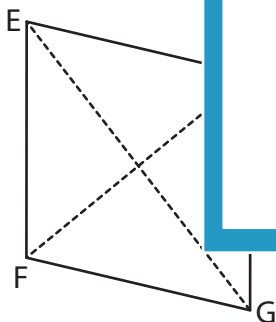
5)



AC = 41 in ; BD = _____

Area = _____

7)



FH = 1 ft ; EG = 20 in

Area = _____ in²

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Y

120 in

ft²

U

S

T

UT = 24 ft ; SV = 5 yd

Area = _____ yd²

9) The lengths of the diagonals of a rhombus are 384 inches and 55 feet. Find the area.

_____ square feet

Area of a Rhombus

A) Find the area of each rhombus for the given measurements.

1) diagonal 1 = 2 ft, diagonal 2 = 30 in

2) diagonal 1 = 21 ft, diagonal 2 = 16 yd

Area = 360 in²

Area = 504 ft²

3) diagonal 1 = 18 yd, diagonal 2 = 792 in

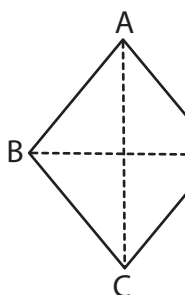
4) diagonal 1 = 7.5 yd, diagonal 2 = 13.2 ft

Area = 198 yd²

Area = 16.5 yd²

B) Find the area of each rhombus.

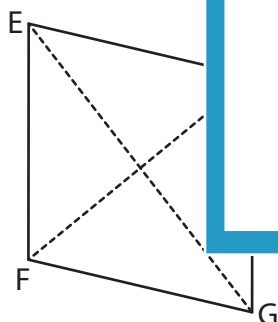
5)



AC = 41 in ; BD = 36 in

Area = 360 in²

7)



FH = 1 ft ; EG = 20 in

Area = 120 in²

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UT = 24 ft ; SV = 5 yd

Area = 20 yd²

9) The lengths of the diagonals of a rhombus are 384 inches and 55 feet. Find the area.

880 square feet